High School to College Articulation Map

Area of Study: Information Technology Education **Pathway:** Information Support and Services
National Career Cluster: Information Technology   Technical Support

Region: Mountainland District(s): Alpine, Provo, Nebo, Wasatch, No. Summit, So. Summit, Park City
 School : REGIONAL AGREEMENT
 Contact person: Lisa Birch   Ph.#: 801-492-2900
 e-mail: lisa.birch@mountainlandatc.org Date: 10/04/06
	College / Institution: Utah Valley State College
	 Articulation Agreement in place? **x** Yes _____ No
	
	 Name of Degree or Certificate: AAS in Information Systems
	                                          Systems Technology
	                                          (65 Credits Required)

High School				College		
Course #	**High School Suggested Courses**	**H.S. Credit**	**College Credits**	**Course #**	**College General Education Requirements**	**Credits**
ENGL	**ENGLISH**		**3**	**ENGL**	**ENGLISH**	**3**
ENGL1010	College Writing * **	1		ENGL 1010	Introduction to Writing	
MATH	**MATHEMATICS**		**3**	**MATH**	**MATHEMATICS**	**3**
MATH1050	Pre-Calculus *	1		MATH1050	College Algebra (or any higher mathematics course)	
	HUMANTIES/FINE ARTS Complete one course from the following:		**3**		**HUMANITIES/FINE ARTS** Complete one course from the following:	**3**
HUM1010	Humanities * **	1		HUM1010	Humanities Through the Arts	
COMM1020	Public Speaking **	1		COM1020	Public Speaking	
ART1010	Art/Art Foundations *	1		ART1010	Introduction to Visual Arts	
50.0406	Photo II *	1		ART1050	Photography I	
ART1110	AP Drawing *	1		ART1110	Drawing I	
ART1340	3-D Design II *	1		ART1340	Sculpture I	
ART1350	Ceramics II *	1		ART1350	Ceramics I	
ARTH2720	Art History *	1		ARTH2720	History of Art from the Renaissance	
MUSC1010	Music Appreciation *	1		MUSC1010	Introduction to Music	
THEA1013	Introduction to Theater **	1		THEA1013	Introduction to Theater	
THEA1023	Film/Video Production I or II *	1		THEA1023	Introduction to Film	
				→	Any other approved Humanities/Fine Arts distribution course	

	SOCIAL/BEHAVIORAL/POLITICAL SCIENCE		**3**		**SOCIAL/BEHAVIORAL/POLITCAL SCIENCE**	**3**
MGMT2020	Macroeconomics **			MGMT2020	Macroeconomics	
	BIOLOGY/PHYSICAL SCIENCE		**2**		**BIOLOGY/PHYSICAL SCIENCE**	**4**
21.0105	Physics w/Technology *	.50		PHYS1810	Principles of Technology I	
				PHYS1820	Principles of Technology II	
	PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT		**1**		**PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT**	**1**
HLTH1100	Personal Health & Wellness **			HLTH1100	Personal Health & Wellness	
				PES1097	Fitness for Life (recommended)	
				→	Any other approved Physical Ed./Heath/Safety or Environment distribution course	
	H.S.Total (General Ed.)And Other Available Credits		**15**		**College Total Credits**	**17**

Course CIP #	High School Career Pathway Courses (min. 2.5 required)	H.S. Credit	College Credits	Course #	College Major Course Requirements	Credits
	Students may select individual courses for exploration or complete pathway for an in-depth focus.					
Course #	**Introductory Courses: (preferred)**	**Credit**				
11.0101	Information Technology, Introduction	.50				
	Foundation Courses: (required)					
52.0417	Computer Technology	.50				
11.9920	A+ (Computer Maintenance)	1.00				
11.9940	Linux Fundamentals	1.00				
	Elective Courses:					
11.0201	Computer Programming I	1.00				
11.0440	Network+	.50				
11.0450	Security Fundamentals	.50				
32.0199	Student Internship (Critical Workplace Skills)	.50				
					Written Communication Requirements:	**3**
				ENGL2010	Intermediate Writing—Hum/Soc. Sciences	
				ENGL2020	Intermediate Writing—Science & Technology	
					IT Domain Requirements: (required 6 credits see ACC2010 below in **Additional Articulated Requirements** to fulfill all requ.)	**3**
				ACC2020 or ACC3000	Managerial Accounting or Financial Managerial and Cost Accounting Concepts (4.0)	

					Specialty Core Requirements:	
				INFO1120	Information Systems and Technology Fundamentals	**3**
				INFO1200	Computer Programming I for IS/IT	**3**
				INFO1420	Computer Architecture and Systems Software	**3**
				INFO2030	Data Communications Fundamentals	**3**
				INFO2050	Database Fundamentals	**3**
				INFO2200	Computer Programming II for IS/IT	**3**
				INFO3030	Networks and Internetworking	**3**
				INFO3410	Database Systems	**3**
				INFO3430	Systems Analysis Design and Integration	**3**
					Elective Requirements: (Choose a minimum of 9 credits from the following)	**9**
				INFO1510	UNIX/Linux Operating Systems (3.0)	
				INFO2640	Router Management (3.0)	
				INFO2650	Voice and Data Cabling Fundamentals (3.0)	
				INFO2660	Information Security I—Fundamentals (3.0)	
				INFO281R	Cooperative Work Experience (2.0)	
				INFO301R	Digital Lecture Series (1.0)	
				INFO3420	Web Systems Development (3.0)	
				INFO3440	Enterprise Database Development (3.0)	
				INFO3510	System Administrator—UNIX/Linux (3.0)	
				INFO3630	System Administration—Windows Server (3.0)	
				INFO2660	Information Security II—Network Defense and Countermeasures (3.0)	
	Additional Articulated Requirements:					
52.0332 52.0342	Accounting III * Accounting IV *	.50 .50	**3**	ACC2010	Financial Accounting-(fulfills part of the **IT Domain Requirement**—see above)	**3**
11.0230	Web Design *	.50	**3**	INFO2450	Web Application Design (fulfills one class in **Specialty Core Requirements** above)	**3**
Total Pathway Credits		**6**		**Total Major Course Credits Required**		**48**
TOTAL Potential(college) Credits Earned in High School		**21**	**TOTAL Credits Required for Major**			**65**

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. Also, District CIP codes may differ, contact your district for specific CTE class offerings.
*Note: *= concurrent   **= distant*